UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION NO.	·FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/774,706	02/01/2001	Masahiko Yamada	Q61215	3394

7590   06/27/2005

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EXAMINER
SELBY, GEVELL V

ART UNIT	PAPER NUMBER
2615	

DATE MAILED: 06/27/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

-- *The MAILING DATE of this communication appears on the cover sheet with the correspondence address* --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE *3* MONTH(S) FROM
THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed
  after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
  Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any
  earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *14 April 2005*.

2a)☐ This action is **FINAL**.   2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is
closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *1-9* is/are pending in the application.

4a) Of the above claim(s) *3 and 7* is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *1-2, 4-6, 8-9* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☒ The drawing(s) filed on *01 February 2001* is/are: a)☒ accepted or b)☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a)☒ All   b)☐ Some * c)☐ None of:

1.☒ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____.

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage
application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date *5/4/01*.

4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ .
5) ☐ Notice of Informal Patent Application (PTO-152)
6) ☐ Other: _____.

DETAILED ACTION

Election/Restrictions

1.   Claims 3 and 7 are withdrawn from further consideration pursuant to 37 CFR 1.142(b) as

being drawn to a nonelected Group II, there being no allowable generic or linking claim.

Election was made **without** traverse in the reply filed on 4/14/05.

Claim Rejections - 35 USC § 102

2.   The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the

basis for the rejections under this section made in this Office action:

> A person shall be entitled to a patent unless –
>
> (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on
> sale in this country, more than one year prior to the date of application for patent in the United States.

3.   **Claims 1-2, 4-6, and 8-9 are rejected under 35 U.S.C. 102(b) as being anticipated by**

Nonoshita et al., EP 559,376.

In regard to claim 1, Nonoshita et al., EP 559,376, discloses a method of storing

or transferring an image along with an image-processing parameter for processing said

image, said method comprising, when storing or transferring a second image (12.5 dpi

image) for storage or transfer which has a second resolution for storage or transfer

differing from a reference resolution (100 dpi image), the steps of:

correcting a reference image-processing parameter set according to a reference

resolution image having said reference resolution, based on a difference between said

reference resolution and said second resolution, so that it becomes a second parameter

(encoded data C1-C5) corresponding to said and second image (see column 6, lines 38-

55: The 12.5 dpi low resolution image uses the parameter (encoded data C1-C5) to

convert to the higher resolution 100 dpi image);

storing or transferring said second parameter obtained by said correction, along

with said second image (see column 6, lines 38-42).

In regard to claim 2, Nonoshita et al., EP 559,376, discloses a method of storing

or transferring an image along with an image-processing parameter for processing said

image, said method comprising, when storing or transferring a second image for storage

or transfer which has a second resolution (12.5 dpi image) for storage or transfer differing

from a reference resolution (100 dpi image), the step of:

storing or transferring information (encoded data C1-C5) on a reference

image-processing parameter set according to reference resolution image having

said reference resolution and information on said reference resolution along with

said second image (see column 6, lines 38-55 and column 7, lines 4-10: The 12.5

dpi low resolution image uses the parameter (encoded data C1-C5) to convert to

the higher resolution 100 dpi image).

In regard to claim 4, Nonoshita et al., EP 559,376, discloses a method of storing

or transferring an image along with an image-processing parameter for processing said

image, and processing said stored or transferred image by use of said stored or transferred

parameter, said method comprising, when storing or transferring a second image for

storage or transfer which has a second resolution (12.5 dpi image) for storage or transfer

differing from a reference resolution (100 dpi image), the steps of:

storing or transferring information (encoded data) on a reference image-

processing parameter set according to a reference resolution image having said

reference resolution and information on said reference resolution along with said

second image (see column 6, lines 38-42 and column 7, lines 4-10);

correcting said stored or transferred reference image-processing

parameter, based on said stored or transferred information on said reference

resolution, so that it becomes a second parameter (encoded data C1-C5)

corresponding to said stored or transferred second image (see column 6, lines 38-

55: The 12.5 dpi low resolution image uses the parameter (encoded data C1-C5)

to convert to the higher resolution 100 dpi image); and

processing said stored or transferred second image by use of said second

parameter obtained by said correction (see column 6, lines 51-54).

In regard to claim 5, Nonoshita et al., EP 559,376, discloses an apparatus for

storing or transferring an image along with an image-processing parameter for processing

said image, said apparatus comprising:

parameter correction means (expansion circuit) for correcting a reference

image-processing parameter set according to a reference resolution image having

a reference resolution, based on a difference between said reference resolution

(100 dpi image) and a second resolution (12.5 dpi image) for storage or transfer

differing from said reference resolution, so that it becomes a second parameter

(encoded data C1-C5) corresponding to a second image for storage or transfer

which has said second resolution (see column 6, lines 38-55: The 12.5 dpi low

resolution image uses the parameter (encoded data C1-C5) to convert to the

higher resolution 100 dpi image); and

means (main memory 2) for storing or transferring said second parameter

obtained by said correction, along with said second image (see column 6, lines

38-42).

In regard to claim 6, Nonoshita et al., EP 559,376, discloses an apparatus for

storing or transferring an image along with an image-processing parameter for processing

said image, said apparatus comprising:

means (main memory 2) for storing or transferring information (encoded

data C1-C5) on a reference image-processing parameter set according to a

reference resolution image (100 dpi image) having a reference resolution and

information on said reference resolution, along with a second image (12.5 dpi

image) for storage or transfer which has a second resolution for storage or transfer

differing from said reference resolution (see column 6, lines 38-55 and column 7,

lines 4-10: The 12.5 dpi low resolution image uses the parameter (encoded data

C1-C5) to convert to the higher resolution 100 dpi image).

In regard to claim 8, Nonoshita et al., EP 559,376, discloses a system for storing

or transferring an image along with an image-processing parameter for processing said

image, and processing said stored or transferred image by use of said stored or transferred

parameter, said system comprising:

means (main memory 2) for storing or transferring information (encoded data C1-

C5) on a reference image-processing parameter set according to a reference resolution

image (100 dpi image) having a reference resolution and information on said reference

resolution, along with a second image (12.5 dpi image) for storage or transfer which has a

second resolution for storage or transfer differing from said reference resolution (see

column 6, lines 38-42 and column 7, lines 4-10);

parameter correction means for correcting said stored or transferred reference

image-processing parameter, based on said stored or transferred information on said

reference resolution, so that it becomes a second parameter (encoded data C1-C5)

corresponding to said stored or transferred second image (see column 6, lines 38-55: The

12.5 dpi low resolution image uses the parameter (encoded data C1-C5) to convert to the

higher resolution 100 dpi image); and

means (expansion circuit) for processing said stored or transferred second image

by use of said second parameter obtained by said correction (see column 6, lines 51-54).

In regard to claim 9, Nonoshita et al., EP 559,376, discloses an image processor

(CPU 1: see column 4, lines 1-4) comprising:

parameter correction means (compression/expansion circuit 8: see column 4, lines

20-29) for correcting a stored or transferred reference image-processing parameter

(encoded data), based on stored or transferred information on a reference resolution (400

dpi), so that it becomes a second parameter (encoded data corresponding to 12.5 dpi

image) corresponding to a stored or transferred second image (12.5 dpi image) [see

column 4, line 54 to column 5, line 7]; and

means for applying a predetermined image process to said stored or transferred

second image by use of said second parameter obtained by said correction (see column 5,

lines 8-13).

Conclusion

4.   The prior art made of record and not relied upon is considered pertinent to applicant's

disclosure.

US 5,991,457 discloses a filtering process and interpolating process for correcting an

image to match an original image.

US 2004/0042679 discloses an image processing method for correcting an image to

match an original image.

US 5,615,310 discloses a circuit for matching resolutions of a data transmitted from a

host computer.

Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Gevell Selby whose telephone number is 571-272-7369. The

examiner can normally be reached on 8:00 A.M. - 5:30 PM (every other Friday off).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, David Ometz can be reached on 571-272-7593. The fax phone number for the

organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent

Application Information Retrieval (PAIR) system. Status information for published applications

may be obtained from either Private PAIR or Public PAIR. Status information for unpublished

applications is available through Private PAIR only. For more information about the PAIR

system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR

system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

gvs

DAVID L. OMETZ
PRIMARY EXAMINER